

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Paul Sylvester

Serial No.: 09/922,353

Filed: August 02, 2001

For: Rubidium-82 Generator Based
On Sodium Nonatitanate Support and
Improved Separation Methods for the
Recovery of Strontium-82 from
Irradiated Targets

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

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Group Art Unit: 1754
Examiner: Bos, Steven J.

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The applicant, and the attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

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The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

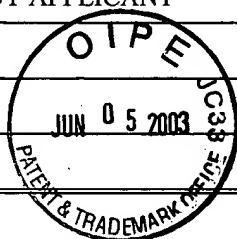
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Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
		LYNN/0119	09/22,353
LIST OF RELEVANT ART CITED BY APPLICANT		Applicant	
(Use several sheets if necessary)		Paul Sylvester	
		Filing Date	Group
		August 2, 2001	1619



U.S. Patent Documents

*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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E	Y. Yano, T F Budinger, J L Cahoon, and R H Huesman, An Automated Microprocessor-Controlled Rb-82 Generator for Positron Emission Tomography Studies, ©1984, pp 97-122
F	Furn F. Knap, Jr., Thomas A Butler, New Systems For Nuclear Medicine Applications, ACS Symposium Series 241, Radionuclide Generators, March 20-25, 1983, Contents
G	Elizabeth A Behrens, Paul Sylvester, Gina Graziano, and Abraham Clearfield, Science and Technology for Disposal of Radioactive Tank Wastes, N J Lombardo, Plenum Press, New York, 1998, pp 287-299
H	K E Thomas and J W Barnes, Large Scale Isolation of Sr-82 for Generator Production, 1984, p 123 "Radionuclide Generators, American Chemical Society
I	LANL Procedure MRDP-PSR82Rb-03, "Isolation and Purification of ⁸² Sr from Irradiated Rb Metal Targets, March 18, 1998
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K	Elizabeth A Behrens, Paul Sylvester and Abraham Clearfield, Assessment of a Sodium Nonatitanate and Pharmacosiderite-Type Ion Exchangers for Strontium and Cesium Removal from DOE Waste Simulants, Environ Sci. Technol, 1998, 32, 101-107
L	Paul Sysvester, Elizabeth A Behrens, Gina M Graziano, and Abraham Clearfield, An Assessment of Inorganic Ion-Exchange Materials for the Removal of Strontium from Simulated Hanford Tank Wastes, Separation Science and Technology, 34 (10), pp 1981-1992, ©1999
M	Elizabeth A Behrens, Damodara M. Poojary, and Abraham Clearfield, Syntheses, Crystal Structures, and Ion-Exchange Properties of Porous Tiansilicates, HM ₃ Ti ₄ O ₄ (SiO ₄) ₃ 4H ₂ O (M=H ⁺ K ⁺ , Cs ⁺), Structural Analogues of the Mineral Pharmacosiderite, Chem. Mater. 1998, 8, 1236-1244
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O	T. Jones, Pergamon Journals Ltd, Introduction: Clinical Uses of ⁸² Sr/ ⁸² Rb Generators; Vol. 38 38, No. 3, pp. 171-173, 1987.
P	International Patent WO94 19,277
Q	A Clearfield, (ED.), "Inorganic Ion Exchange Materials", CRC Press, Boca Raton, Florida (1982).

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.